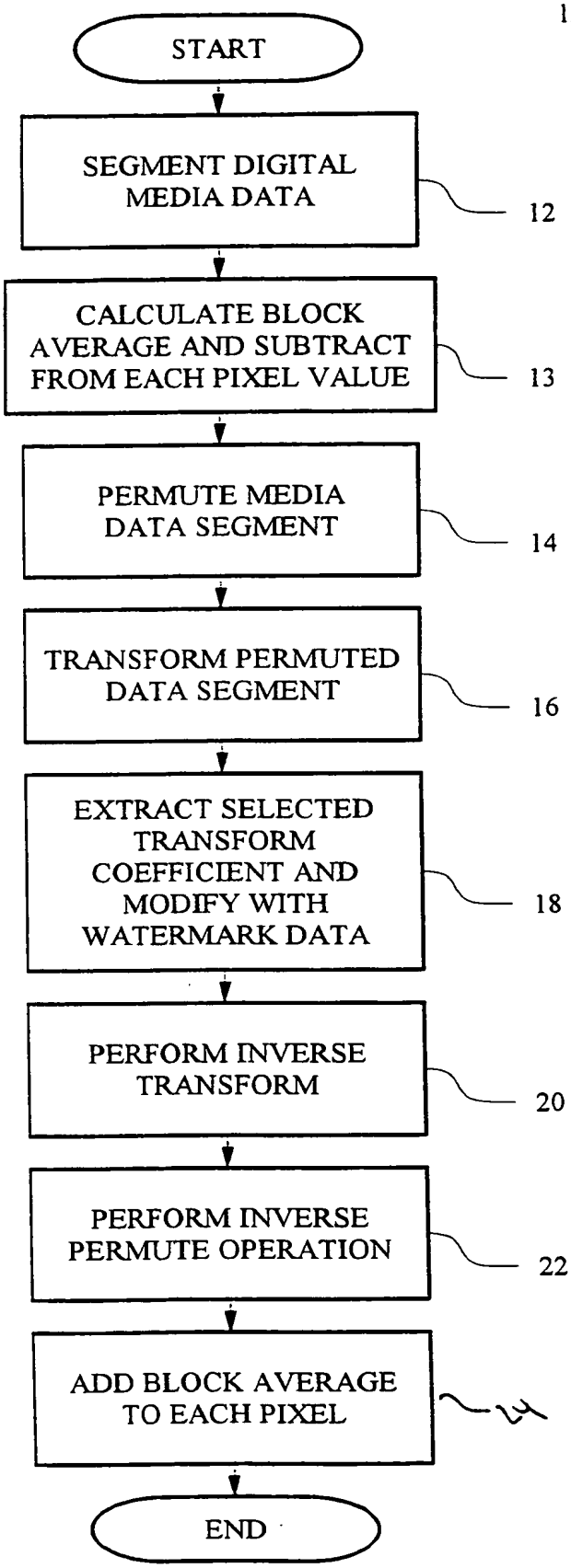

Figure 1.

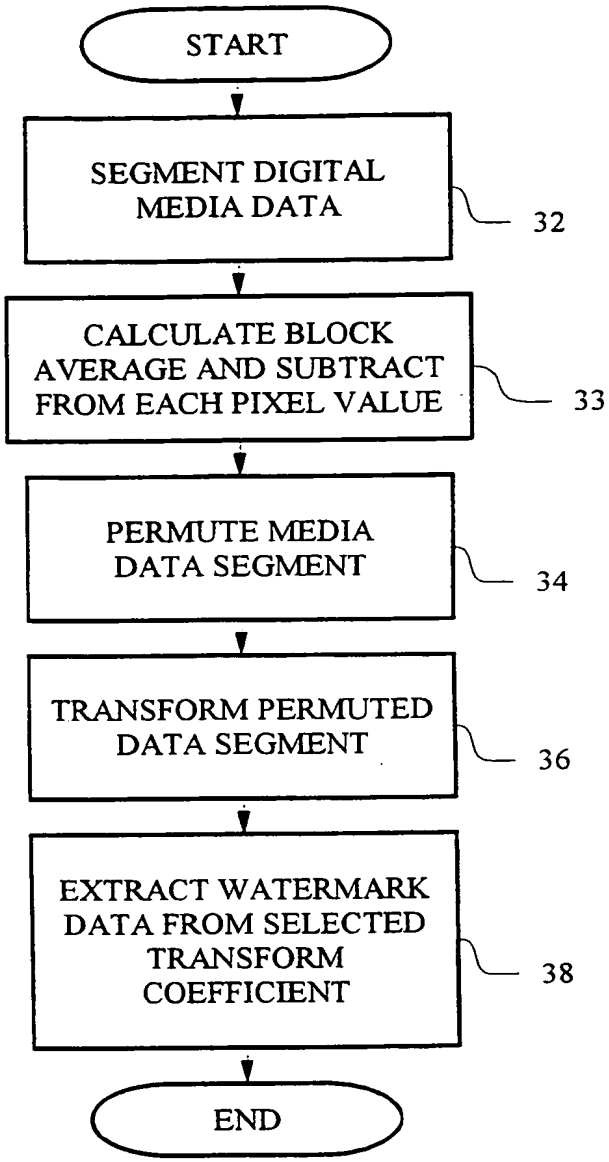

Figure 2.

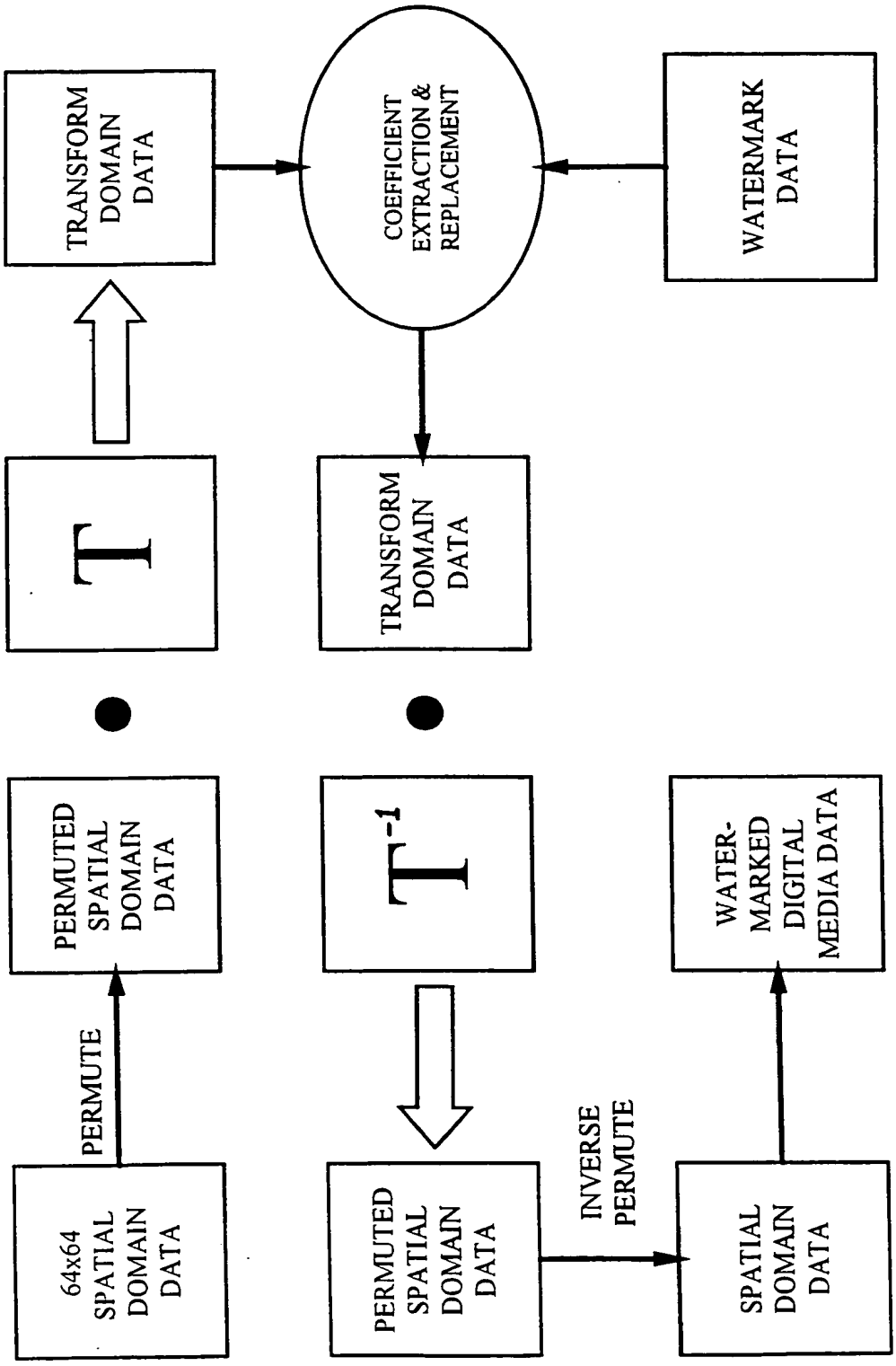
64x64 SPATIAL DOMAIN DATA
PERMUTE
PERMUTED SPATIAL DOMAIN DATA
T
TRANSFORM DOMAIN DATA
COEFFICIENT EXTRACTION & REPLACEMENT
WATERMARK DATA
TRANSFORM DOMAIN DATA
T-1
PERMUTED SPATIAL DOMAIN DATA
INVERSE PERMUTE
SPATIAL DOMAIN DATA
WATER-MARKED DIGITAL MEDIA DATA

Figure 3.

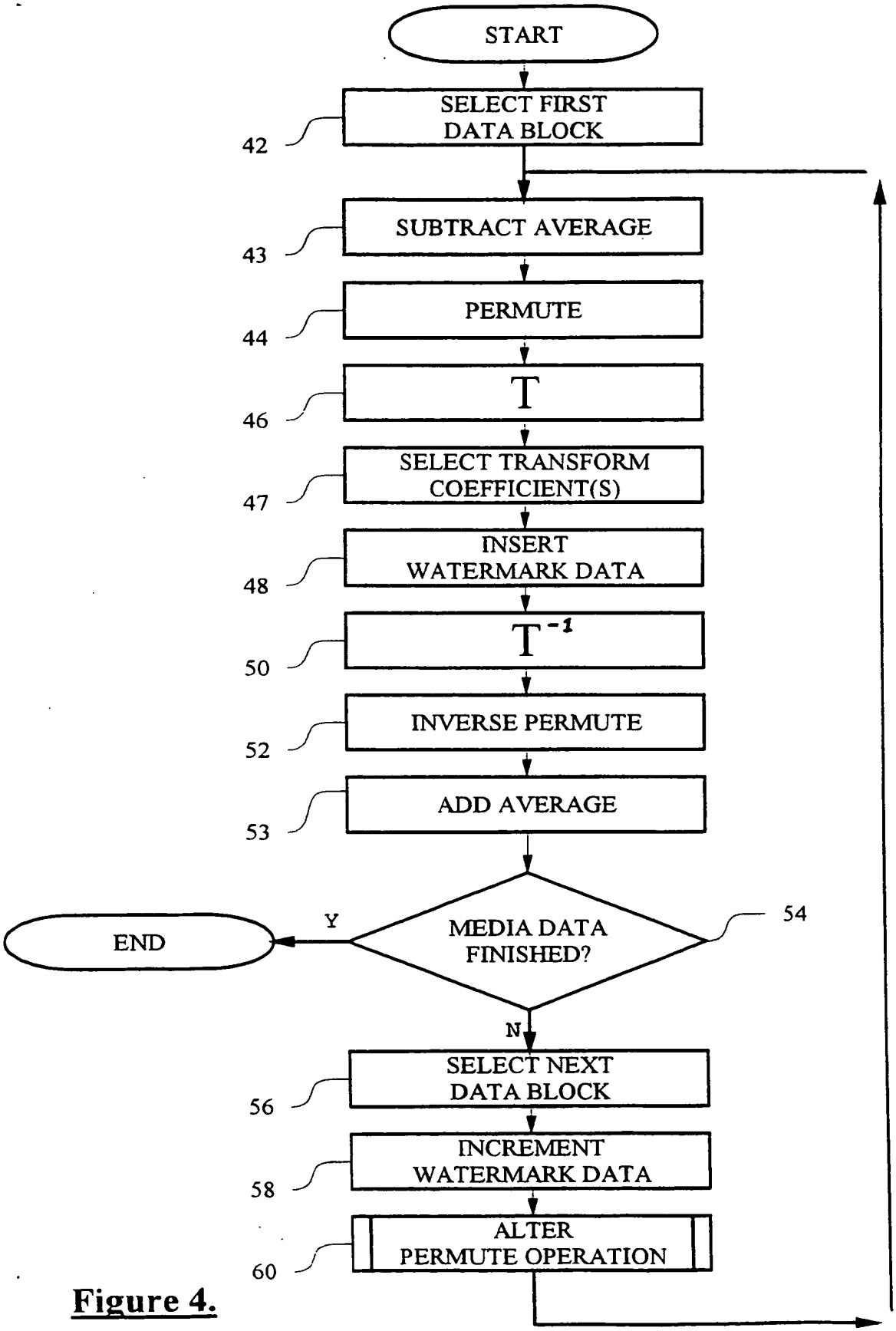
START
SELECT FIRST DATA BLOCK
42
SUBTRACT AVERAGE
43
PERMUTE
44
T
46
SELECT TRANSFORM COEFFICIENT(S)
47
INSERT WATERMARK DATA
48
T -1
50
INVERSE PERMUTE
52
ADD AVERAGE
53
MEDIA DATA FINISHED?
54
Y
END
N
SELECT NEXT DATA BLOCK
56
INCREMENT WATERMARK DATA
58
ALTER PERMUTE OPERATION
60

Figure 4.

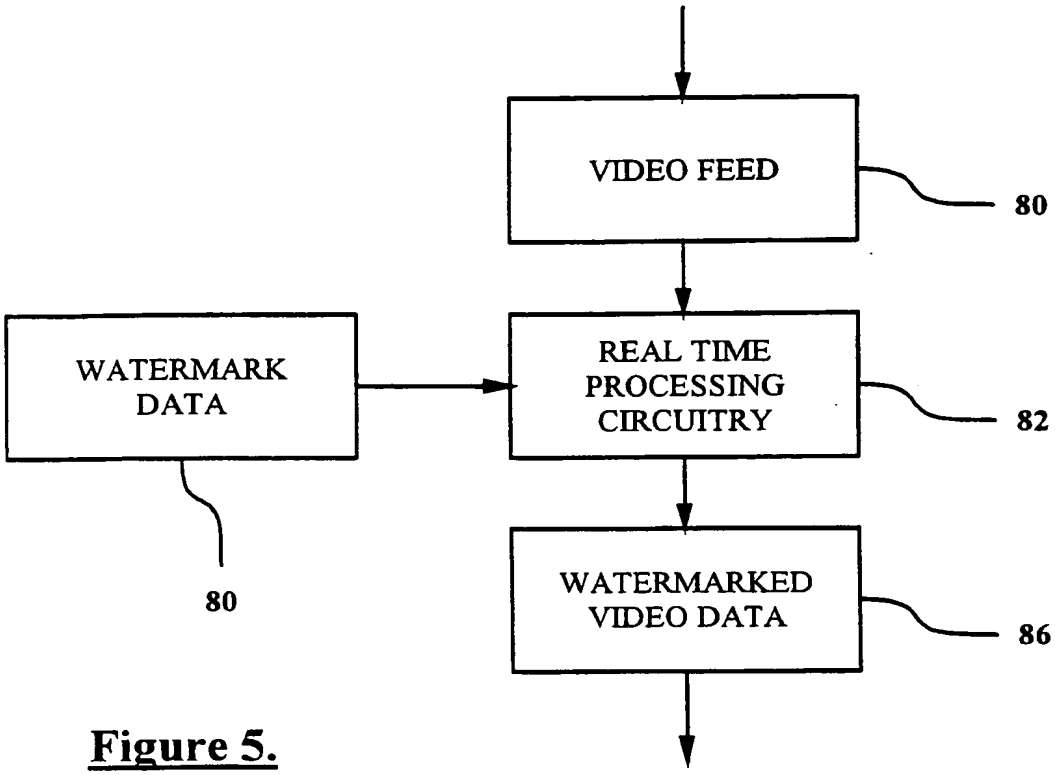

Figure 5.

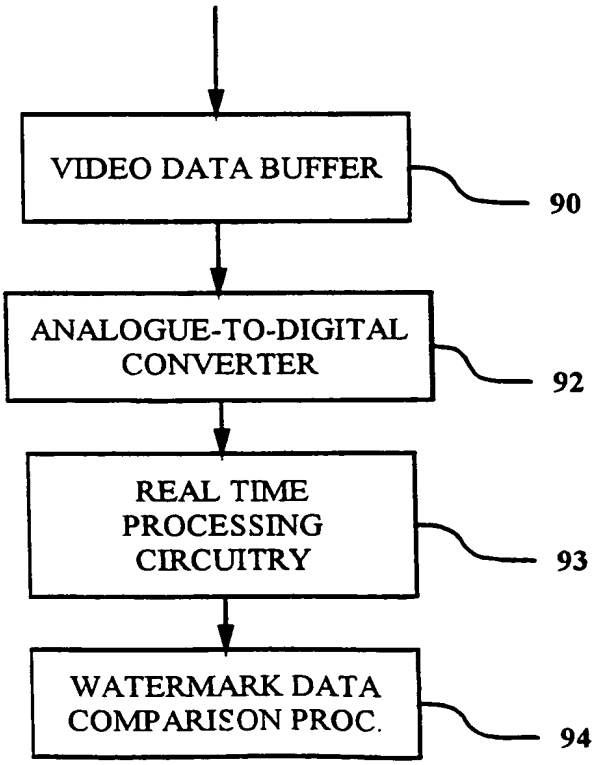

Figure 6.